

SAFETY DATA SHEET

Mastiplan[®] LC

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Section 1: Identification of the Substance and Supplier

Product name	Mastiplan LC
Recommended use	Antibiotic for broad spectrum treatment of clinical mastitis in lactating cows
Company details	Schering-Plough Animal Health Ltd 33 Whakatiki Street, Upper Hutt 5018, New Zealand Phone: 0800 800 543 – Fax: 0800 808 100 Website: www.msd-animal-health.co.nz Hours: 8 am – 5 pm, Mon – Fri
Emergency telephone	0800 764 766 (0800 POISON) 24 hours human health 0800 243 622 (0800 CHEMCALL) 24 hours
Date of preparation	April 2019

Section 2: Hazards Identification

Hazard classifications	6.5B: Contact sensitiser 6.8B: Reproductive/Developmental toxicant 6.8C: Reproductive/Developmental toxicant – via lactation
GHS Pictogram:	 
Signal word	Warning
Hazard statement	H317: May cause an allergic skin reaction. H361: Suspected of damaging fertility or the unborn child from repeated oral exposure. H362: May cause harm to breast-fed children from repeated oral exposure.
Prevention statement	P102: Keep out of the reach of children. P202: Do not handle until all safety precautions have been read and understood. P260: Do not breathe mist. P263: Avoid contact during pregnancy/while nursing. P264: Wash thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P272: Contaminated work clothing should not be allowed out of the workplace. P280: Wear protective gloves. P281: Use personal protective equipment as required.
Response statement	P302 + P352: IF ON SKIN: Wash with plenty of soap and water. P308 + P313: IF exposed or concerned: Get medical advice/ attention. P321: See first aid instruction on the label of the product. P333 + P313: If skin irritation or rash occurs: Get medical advice/attention. P362 + P364: Take off contaminated clothing and wash it before reuse.
Storage	P405: Store locked up.
Disposal	P501: Dispose of product, packaging and waste at an approved landfill or other approved facility.

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Section 3: Composition/Information on Ingredients

Chemical name	CAS number	Concentration
Cefapirin sodium	24356-60-3	4%
Prednisolone	50-24-8	0.25%
Arachis oil (Peanut oil)	8002-03-7	>60%

Section 4: First Aid Measures

Necessary first aid measures

Cephalosporins may cause hypersensitivity (allergy) following injection, inhalation, ingestion or skin contact. Do not handle this product if you know you are sensitised, or if you have been advised not to work with such preparations. Handle this product with great care to avoid exposure.

SKIN CONTACT While wearing protective gloves, carefully remove any contaminated clothing, including shoes, and wash skin thoroughly with soap and water. If irritation or symptoms occur or persist, consult a doctor.

EYE CONTACT Immediately rinse eyes thoroughly with plenty of water. If wearing contact lenses, remove only after initial rinse, and continue rinsing eyes for at least 15 minutes. If irritation occurs or persists, consult a doctor.

INGESTION Rinse mouth and drink a glass of water. Do not induce vomiting unless under the direction of a qualified medical professional or National Poisons Centre. If symptoms persist, consult a doctor.

INHALATION Remove to fresh air and provide oxygen if necessary. If any trouble breathing, get immediate medical attention. Administer artificial respiration if breathing has ceased. If irritation or symptoms occur or persist, consult a doctor.

Required instructions

For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

Notes for medical personnel

Cephalosporins may cause hypersensitivity reactions including anaphylaxis, skin rashes, fever, or skin rashes in susceptible individuals. Contact dermatitis developed in nurses exposed to a similar cephalosporin, and another cephalosporin may have cause a photosensitization reaction.

Ingestion of cephalosporins may produce gastrointestinal effects including nausea, vomiting, or diarrhoea. Other effects that may occur include headache, confusion, restlessness, agitation, ringing in the ears, muscle incoordination, double vision, decreased white blood cells, platelets, and red blood cell counts, or kidney effects.

Workplace facilities

Emergency showers and eyewashes may be warranted depending on quantity and type of use.

Section 5: Fire Fighting Measures

Type of hazard	Not classified as flammable
Fire hazard properties	Fire decomposition products from this product may be toxic if inhaled.
Regulatory requirements	Not applicable
Extinguishing media and methods	Carbon dioxide (CO ₂), extinguishing powder or water spray
Hazchem code	None allocated

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Recommended protective clothing

Wear chemical resistant gloves, facemask or goggles.

Section 6: Accidental Release Measures

Personal Precautions	Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental Precautions	Prevent spilled material from flowing onto adjacent land or into streams, ponds, or lakes. Avoid release to the environment.
Emergency procedures	Wear chemical resistant gloves and overalls, facemask or goggles. Prevent further spillage. Adsorb spilled product and place in sealable container for disposal. Wash down affected area with water plus detergent. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the local authority regarding disposal.

Section 7: Handling and Storage

Precautions for safe handling	Avoid contact with skin, eyes, and mucosa. Keep containers adequately sealed during material transfer, transport, or when not in use. See Section 8 (Exposure Controls) for additional guidance.
Regulatory requirements	Emergency Plan required where quantities greater than 1000 kg are present.
Handling practices	Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.
Certified handlers	Not required.
Conditions for safe storage	Store in original container in a cool, dry, ventilated place away from direct heat or direct sunlight. Keep container sealed when not in use. Keep out of reach of children.
Store site requirements	Store below 25°C. DO NOT REFRIGERATE OR FREEZE.
Packaging	Schedule 4

Section 8: Exposure Control/Personal Protection

Occupational exposure limits	No WES is set for this substance at this time.
Application in the workplace	Ensure adequate ventilation. Keep container sealed when not in use.
Exposure standards outside the workplace	No TEL or EEL is set for this substance at this time.
Personal protection	Wear chemical resistant gloves, facemask or goggles.
Engineering controls	The health hazard risks of handling this material are dependent on many factors, including physical form, duration and frequency of process or task, and effectiveness of engineering controls. Site-specific risk assessments should be conducted to determine the feasibility and the appropriateness of all exposure control measures. Exposure controls for normal operating or routine procedures follow a tiered strategy. Engineering controls are the preferred means of long-term or permanent exposure control. If engineering controls are not feasible, appropriate use of personal protective equipment (PPE) may be considered as alternative control measures. Exposure controls for non-routine operations must be evaluated and addressed as part of the site-specific risk assessment.

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Section 9: Physical and Chemical Properties

Appearance	Off white/yellow to pink homogeneous oily suspension
Boiling Point	Not available
Melting/Softening point	No specific data. Liquid at normal temperatures
Vapour Pressure	Not determined
Specific Gravity	Not available
Solubility (H ₂ O)	Insoluble
Percent Volatiles	Not determined
Evaporation Rate	Not determined

Section 10: Stability and Reactivity

Stability of the substance	Stable under normal conditions.
Conditions to avoid	Extremes of temperature. Exposure to light.
Material to avoid	Avoid food products
Hazardous decomposition products	No dangerous decomposition is expected if used according to manufacturer's specifications.

Section 11: Toxicological Information

Acute effects for individual ingredients only

TEL	No TEL is set for this substance at this time.
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Chronic/long term effects for individual ingredients only

Peanut Oil was found to be a moderate irritant on the skin of rabbits at 100 mg/24 hour exposure. There is some support for the suggestions that peanut allergy in an infant can result from exposure in utero or during lactation. Studies in mice, rabbits, hamsters and rats, showed that prednisolone caused malformations including cleft palate with administered parenterally.

Section 12: Environmental Information

Effects for individual ingredients only.

EEL	No EEL is set for this substance at this time.
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Section 13: Disposal Considerations

Disposal information	Disposal Dispose of unused contents in a suitable landfill. Where possible, dispose of unused product through AgRecovery Chemicals. Avoid contamination of any water source or the environment with product or empty container.
	Container Disposal Dispose of empty container by puncturing and burying in a suitable landfill. Where possible, recycle through AgRecovery. Do NOT burn.

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Reference

Current version of NZS 8409 Management of Agrichemicals

Section 14: Transport Information

Relevant information Not classified as a dangerous good for transport

Section 15: Regulatory Information

Regulatory status HSNO Approval Code: HSR100757
For a full listing of controls see www.epa.govt.nz

ACVM registration number: A011329
For conditions of registration see www.foodsafety.govt.nz

RESTRICTED VETERINARY MEDICINE

Section 16: Other Information

Additional information Mastiplan is a registered trademark.

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